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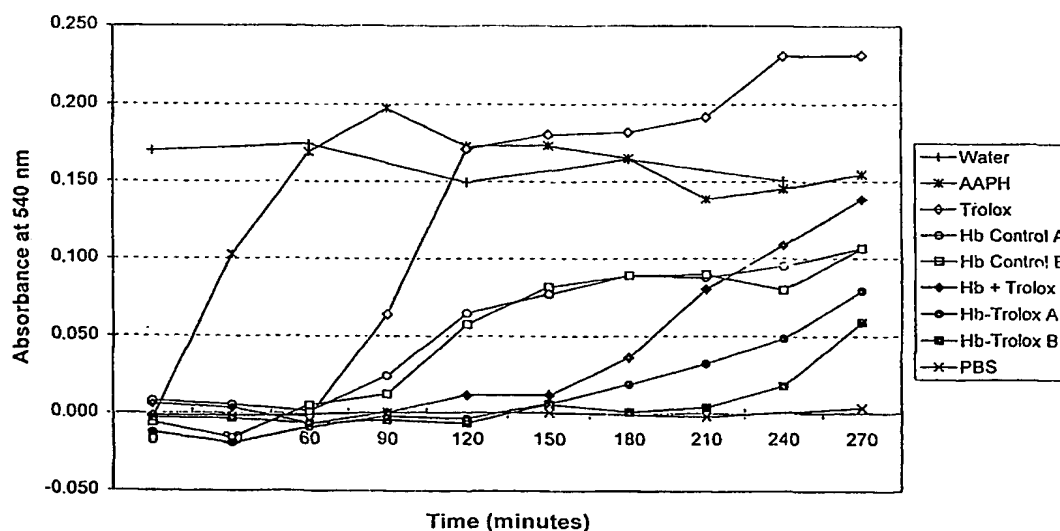
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(54) Title: HEMOGLOBIN-ANTIOXIDANT CONJUGATES

RBC Lysate Absorbance: Hemoglobin-Trolox conjugates and controls



(57) Abstract

There are provided biocompatible chemical compositions having oxygen transporting capability and comprising oxygen transporting molecules chemically bound to antioxidants, to form compositions capable of protecting a mammalian body from oxidative damage. An example of a composition according to the invention is hemoglobin covalently coupled to a 6-hydroxy chroman carboxylic acid, such as Trolox.